

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/535,395
Source: IFDA
Date Processed by STIC: 7/12/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 07/12/2006

PATENT APPLICATION: US/10/535,395

TIME: 10:05:26

Input Set : A:\272478US0XPCT.ST25.txt

Output Set: N:\CRF4\07122006\J535395.raw

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3 <110> APPLICANT: Seve, Michel
4   Favier, Alain
6 <120> TITLE OF INVENTION: PROTEIN SPECIFIC TO PANCREATIC BETA CELLS IN ISLETS OF
LANGERHANS
7   AND APPLICATIONS THEREOF
9 <130> FILE REFERENCE: 272478US0XPCT
11 <140> CURRENT APPLICATION NUMBER: 10/535,395
12 <141> CURRENT FILING DATE: 2005-05-18
14 <150> PRIOR APPLICATION NUMBER: PCT/FR03/03413
15 <151> PRIOR FILING DATE: 2003-11-18
17 <150> PRIOR APPLICATION NUMBER: FR 02/14374
18 <151> PRIOR FILING DATE: 2002-11-18
20 <160> NUMBER OF SEQ ID NOS: 10
22 <170> SOFTWARE: PatentIn version 3.3
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 1110
26 <212> TYPE: DNA
27 <213> ORGANISM: Homo sapiens
29 <400> SEQUENCE: 1
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32 acactagaaa gtgtggaact ccaacagaaa ccggtgaata aagatcagtg tcccagagag      120
34 agaccagagg agctggagtc aggaggcatg taccactgcc acagtggctc caagcccaca      180
36 gaaaaggggg cgaatgagta cgcctatgcc aagtggaaac tctgttctgc ttcagcaata      240
38 tgcttcattt tcatgattgc agaggtcgtg ggtgggcaca ttgctgggag tcttgctgtt      300
40 gtcacagatg ctgcccacct cttaattgac ctgaccagtt tcctgctcag tctcttctcc      360
42 ctgtggctgt catcgaagcc tccctctaag cggctgacat ttggatggca ccgagcagag      420
44 atccttggtg ccctgctctc catcctgtgc atctgggtgg tgactggcgt gctagtgtac      480
46 ctggcatgtg agcgcctgct gtatcctgat taccagatcc aggcgactgt gatgatcatc      540
48 gtttccagct gcgcagtggc ggccaacatt gtactaactg tggttttgca ccagagatgc      600
50 cttggccaca atcacaagga agtacaagcc aatgccagcg tcagagctgc ttttgtgcat      660
52 gcccttgagg atctatttca gagtatcagt gtgctaatta gtgcacttat tatctacttt      720
54 aagccagagt ataaaaatagc cgacccaatc tgcacattca tcttttccat cctgggtcttg      780
56 gccagcacca tcactatctt aaaggacttc tccatcttac tcatggaagg tgtgccaaag      840
58 agcctgaatt acagtgggtg gaaagagctt atttttagcag tcgacggggg gctgtctgtg      900
60 cacagcctgc acatctggtc tctaacaatg aatcaagtaa ttctctcagc tcatgttgct      960
62 acagcagcca gccgggacag ccaagtgggt cggagagaaa ttgctaaagc ccttagcaaa      1020
64 agctttacga tgcactcact caccattcag atggaatctc cagttgacca ggaccccgac      1080
66 tgccttttct gtgaagaccc ctgtgactag                                     1110
69 <210> SEQ ID NO: 2
70 <211> LENGTH: 369
71 <212> TYPE: PRT
72 <213> ORGANISM: Homo Sapiens
74 <400> SEQUENCE: 2
76 Met Glu Phe Leu Glu Arg Thr Tyr Leu Val Asn Asp Lys Ala Ala Lys

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77 1          5          10          15
80 Met His Ala Phe Thr Leu Glu Ser Val Glu Leu Gln Gln Lys Pro Val
81          20          25          30
84 Asn Lys Asp Gln Cys Pro Arg Glu Arg Pro Glu Glu Leu Glu Ser Gly
85          35          40          45
88 Gly Met Tyr His Cys His Ser Gly Ser Lys Pro Thr Glu Lys Gly Ala
89          50          55          60
92 Asn Glu Tyr Ala Tyr Ala Lys Trp Lys Leu Cys Ser Ala Ser Ala Ile
93 65          70          75          80
96 Cys Phe Ile Phe Met Ile Ala Glu Val Val Gly Gly His Ile Ala Gly
97          85          90          95
100 Ser Leu Ala Val Val Thr Asp Ala Ala His Leu Leu Ile Asp Leu Thr
101          100          105          110
104 Ser Phe Leu Leu Ser Leu Phe Ser Leu Trp Leu Ser Ser Lys Pro Pro
105          115          120          125
108 Ser Lys Arg Leu Thr Phe Gly Trp His Arg Ala Glu Ile Leu Gly Ala
109          130          135          140
112 Leu Leu Ser Ile Leu Cys Ile Trp Val Val Thr Gly Val Leu Val Tyr
113 145          150          155          160
116 Leu Ala Cys Glu Arg Leu Leu Tyr Pro Asp Tyr Gln Ile Gln Ala Thr
117          165          170          175
120 Val Met Ile Ile Val Ser Ser Cys Ala Val Ala Ala Asn Ile Val Leu
121          180          185          190
124 Thr Val Val Leu His Gln Arg Cys Leu Gly His Asn His Lys Glu Val
125          195          200          205
128 Gln Ala Asn Ala Ser Val Arg Ala Ala Phe Val His Ala Leu Gly Asp
129          210          215          220
132 Leu Phe Gln Ser Ile Ser Val Leu Ile Ser Ala Leu Ile Ile Tyr Phe
133 225          230          235          240
136 Lys Pro Glu Tyr Lys Ile Ala Asp Pro Ile Cys Thr Phe Ile Phe Ser
137          245          250          255
140 Ile Leu Val Leu Ala Ser Thr Ile Thr Ile Leu Lys Asp Phe Ser Ile
141          260          265          270
144 Leu Leu Met Glu Gly Val Pro Lys Ser Leu Asn Tyr Ser Gly Val Lys
145          275          280          285
148 Glu Leu Ile Leu Ala Val Asp Gly Val Leu Ser Val His Ser Leu His
149          290          295          300
152 Ile Trp Ser Leu Thr Met Asn Gln Val Ile Leu Ser Ala His Val Ala
153 305          310          315          320
156 Thr Ala Ala Ser Arg Asp Ser Gln Val Val Arg Arg Glu Ile Ala Lys
157          325          330          335
160 Ala Leu Ser Lys Ser Phe Thr Met His Ser Leu Thr Ile Gln Met Glu
161          340          345          350
164 Ser Pro Val Asp Gln Asp Pro Asp Cys Leu Phe Cys Glu Asp Pro Cys
165          355          360          365
168 Asp
172 <210> SEQ ID NO: 3
173 <211> LENGTH: 24
174 <212> TYPE: DNA

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175 <213> ORGANISM: Artificial
177 <220> FEATURE:
178 <223> OTHER INFORMATION: Synthetic DNA
180 <400> SEQUENCE: 3
181 gatgctgccc acctcttaat tgac 24
184 <210> SEQ ID NO: 4
185 <211> LENGTH: 24
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial
189 <220> FEATURE:
190 <223> OTHER INFORMATION: Synthetic DNA
192 <400> SEQUENCE: 4
193 tcacatcttttc catcctgggtc ttgg 24
196 <210> SEQ ID NO: 5
197 <211> LENGTH: 31
198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Synthetic DNA
204 <400> SEQUENCE: 5
205 actctagaat ggagtttctt gaaagaacgt a 31
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209 <211> LENGTH: 28
210 <212> TYPE: DNA
211 <213> ORGANISM: Artificial
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214 <223> OTHER INFORMATION: Synthetic DNA
216 <400> SEQUENCE: 6
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220 <210> SEQ ID NO: 7
221 <211> LENGTH: 16
222 <212> TYPE: PRT
223 <213> ORGANISM: Homo sapiens
225 <400> SEQUENCE: 7
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228 1 5 10 15
231 <210> SEQ ID NO: 8
232 <211> LENGTH: 15
233 <212> TYPE: PRT
234 <213> ORGANISM: Homo sapiens
236 <400> SEQUENCE: 8
238 Cys Glu Arg Leu Leu Tyr Pro Asp Tyr Gln Ile Gln Ala Thr Val
239 1 5 10 15
242 <210> SEQ ID NO: 9
243 <211> LENGTH: 16
244 <212> TYPE: PRT
245 <213> ORGANISM: Homo sapiens
247 <400> SEQUENCE: 9
249 Cys Leu Gly His Asn His Lys Glu Val Gln Ala Asn Ala Ser Val Arg

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253 <210> SEQ ID NO: 10
254 <211> LENGTH: 13
255 <212> TYPE: PRT
256 <213> ORGANISM: Homo sapiens
258 <400> SEQUENCE: 10
260 Tyr Phe Lys Pro Glu Tyr Lys Ile Ala Asp Pro Ile Cys
261 1          5          10
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6

VERIFICATION SUMMARY

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